



PTO/SB/08A (04-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 3

**Complete if Known**

Application Number	10/015,346
Filing Date	December 12, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0015 (HOOV 115)

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RL	1	US- 5,323,781	06-28-1994	Ideker et al.	
	2	US- 5,500,012	03-19-1996	Brucker et al.	
	3	US- 5,876,398	03-02-1999	Mulier et al.	
	4	US- 5,891,138	04-06-1999	Tu et al.	
	5	US- 5,897,554	04-27-1999	Chia et al.	
	6	US- 6,033,402	03-07-2000	Tu et al.	
	7	US- 6,064,902	05-16-2000	Haissaguerre et al.	
	8	US- 6,068,653	05-30-2000	LaFontaine	
	9	US- 6,113,595	09-05-2000	Muntermann	
	10	US- 6,117,101	09-12-2000	Diederich et al.	
	11	US- 6,123,703	09-26-2000	Tu et al.	
	12	US- 6,142,994	11-7-2000	Swanson et al.	
	13	US- 6,156,033	12-05-2000	Tu et al.	
	14	US- 6,193,713	02-27-2001	Geistert et al.	
	15	US- 6,292,678	09-18-2001	Hall et al.	
	16	US- 6,356,790	03-12-2002	Maguire et al.	
	17	US- 6,447,507	09-10-2002	Bednarek et al.	
	18	US- 6,474,340	11-05-2002	Vaska et al.	
	19	US- 6,488,678	12-03-2002	Sherman	

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**FOREIGN PATENT DOCUMENTS**

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Examiner  
Signature

R. Rollins

Date

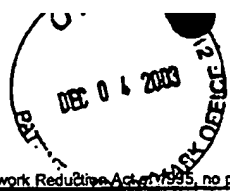
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Sheet 2

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Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0015 (HOOV 115)

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RE	20	US- 6,506,189	01-14-2003	Rittman, III et al.	
	21	US- 6,575,969	05-10-2003	Rittman, III et al.	
	22	US- 6,610,055	08-26-2003	Swanson et al.	
	23	US- 6,632,222	10-14-2003	Edwards et al.	
	24	US- 6,334,860	01-01-2002	Dorn	
	25	US- 2002/0002329 A1	01-03-2002	Avitall	
	26	US- 2002/0019629 A1	02-14-2002	Dietz et al.	
	27	US- 2002/0115990 A1	08-22-2002	Acker	
	28	US- 2002/0128643 A1	09-12-2002	Simpson et al.	
	29	US- 2002/0082595 A1	06-27-2002	Langberg et al.	
	30	US- 2002/0099364 A1	07-25-2002	Lalonde	
	31	US- 2003/0009094 A1	01-09-2003	Segner et al.	
	32	US- 2003/0028187 A1	02-06-2003	Vaska et al.	
	33	US- 2003/0060822 A1	03-27-2003	Schaer et al.	
	34	US- 2003/0069572 A1	04-10-2003	Wellman et al.	
	35	US- 2003/0069577 A1	04-10-2003	Vaska et al.	
	36	US- 2003/0078570 A1	04-24-2003	Heiner et al.	
	37	US- 2003/0078574 A1	04-24-2003	Hall et al.	
	38	US- 2003/0093104 A1	05-15-2003	Bonner et al.	

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R. Rollins

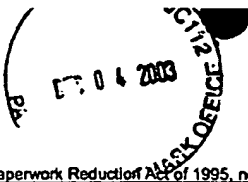
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First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0015(HOOV 115)

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Re	39	US- 2003/0097124 A1	05-22-2003	Lehmann et al.	
	40	US- 2003/0100895 A1	05-29-2003	Simpson et al.	
	41	US- 2003/0114844 A1	06-19-2003	Ormsby et al.	
	42	US- 2003/0120268 A1	06-26-2003	Bertolero et al.	
	43	US- 2003/0125726 A1	07-03-2003	Maguire et al.	
	44	US- 2003/0125730 A1	07-03-2003	Berube et al.	
	45	US- 2003/0130598 A1	07-10-2003	Manning et al.	
	46	US- 2003/0135207 A1	07-17-2003	Langberg et al.	
	47	US- 2003/0144657 A1	07-31-2003	Bowe et al.	
	48	US- 2003/0158548 A1	08-21-2003	Phan et al.	
	49	US- 2003/0171745 A1	09-11-2003	Francischelli et al.	
	50	US- 2003/0178032	9-25-2003	Ingle et al.	
	51	US- 2003/0050557	03-13-2003	Susil et al.	
	52	US- 5,125,928	06-30-1992	Parins et al.	
	53	US- 6,332,089	12-18-2001	Acker et al.	
	54	US- 6,540,740	04-01-2003	Lehmann et al.	
	55	US- 2002/0052602 A1	05-02-2002	Wang et al.	
	56	US- 2003/0045871 A1	03-06-2003	Jain et al.	
		US-			

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TECHNOLOGY CENTER R3700**FOREIGN PATENT DOCUMENTS**

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Signature

P. Pollins

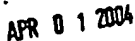
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*(Use as many sheets as necessary)*

Sheet	1	of	1
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First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0015

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Examiner Signature *R. G. Collins*

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Sheet 1

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Application Number

10/015.346

Filing Date

December 12, 2001

**First Named Inventor**

Michael D. Hooven

### Art Unit

3739

**Examiner Name**

Rosiland S. Kearney

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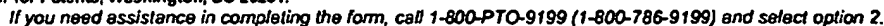
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RR	1	US- 6,679,882	01-20-2004	Kornrup	
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